

IV. AMENDMENTS TO THE CLAIMS

1. (Currently Amended) An optical receptacle for being attached to a printed board and to which an optical plug can be connected comprising:

- a tubular main housing; and
- a socket housing which is inserted and attached to the main housing;

~~wherein the main housing has an elastic locking part which protrudes from the outer circumference surface and locks onto the printed board; and~~

~~the socket housing has a locking slotted pin which protrudes from the outer circumference surface and locks onto the printed board~~

elastic locking parts, which extend from an outer peripheral surface of the tubular main housing, locking into the printed board; and

a locking slotted pin, which extends from an outer peripheral surface of the socket housing, locking into the printed board.

wherein the locking slotted pin provides an electrical connection between the socket housing and the printed board.

2. (Currently Amended) The optical receptacle according to claim 1, wherein the main housing comprises a connection opening part ~~to~~ into which the optical plug is inserted, and

~~within the main housing comprises an elastic claw which extends towards the connection opening part; and~~ an elastic claw extending towards the connection opening part inside the main housing, and

wherein the elastic claw holds the optical plug within the main housing by engaging with the optical plug inserted from the connection opening.

3. (Currently Amended) The optical receptacle according to claim 1 or 2, wherein locking holes, into which the elastic ~~locking part~~ locking parts of the main housing and the locking slotted pin of the socket housing are respectively inserted, ~~respectively~~ are formed on the printed board.

4. (Currently Amended) The optical receptacle according to claim 1 or 2, wherein the socket housing ~~is capable of storing optical elements, formed from synthetic resin material containing conductive filler, is electrically conductive between the optical element and the printed board~~ is capable of storing optical elements, and made of synthetic resin material containing conductive filler so as to provide an electrical connection between the optical elements and printed board.

5. (Original) The optical receptacle according to claim 4, wherein the conductive filler is a carbon filler.

6. (Currently Amended) The optical receptacle according to claim 3, wherein the ~~an~~ elastic locking part has a first elastic locking part and a second elastic locking part, and

wherein the first elastic locking part and the second elastic locking ~~part~~ part respectively comprise a main body which ~~protrudes extending straight~~ from the main housing ~~an extends linearly~~, and a locking part member which ~~protrudes extends~~ from the main body which ~~is locked to the~~ so as to be engaged with a locking hole of the printed board; and

wherein the locking ~~parts~~ members are positioned so as to face each other.

7. (Currently Amended) The optical receptacle according to claim 3, wherein the ~~an~~ elastic locking part has a first elastic locking part and a second elastic locking part, and

wherein the first elastic locking part and the second elastic locking ~~pa~~ part respectively comprise a main body which ~~protrudes extending straight~~ from the main housing ~~an extends linearly~~, and a locking part member which ~~protrudes extends~~ from the main body ~~and locked to the~~ so as to be engaged with a locking hole of the printed board; and

wherein the locking parts members are positioned facing so as to oppositely face in the opposite direction of each other.

8. (Currently Amended) The optical receptacle ~~in according to claim 5 6,~~ comprising a plural of the least locking parts, and the direction in which the plurality of first elastic locking par are aligned and the direction in which the plurality of second elastic locking par are aligned in parallel wherein a first line including a plurality of first elastic locking parts and a second line including a plurality of second elastic locking parts are aligned in parallel.

9. (Currently Amended) The optical receptacle according to claim 3, wherein the socket housing ~~is capable of storing optical elements, formed from synthetic resin material containing conductive filler, is electrically conductive between the optical element and the printed board~~ is capable of storing optical elements and made of synthetic resin material containing conductive filler so as to provide an electrical connection between the optical elements and the printed board.

10. (Currently Amended) The optical receptacle according to claim 4, wherein the ~~an~~ elastic locking part has a first elastic locking part and a second elastic locking part; and,

wherein the first elastic locking part and the second elastic locking par-part respectively comprise a main body ~~which protrudes extending straight from the main housing-an extends linearly,~~ and a locking part member which protrudes extends from the main body ~~which is locked to the~~ so as to be engaged with a locking hole of the printed board; and

wherein the locking parts members are positioned so as to face each other.

11. (Currently Amended) The optical receptacle according to claim 5, wherein the ~~an~~ elastic locking part has a first elastic locking part and a second elastic locking part; and

wherein the first elastic locking part and the second elastic locking ~~part~~ part respectively comprise a main body which ~~protrudes extending straight~~ from the main housing ~~an extends linearly~~, and a locking part member which ~~protrudes extends~~ from the main body which is ~~locked to the~~ so as to be engaged with a locking hole of the printed board; and

wherein the locking parts members are positioned so as to face each other.

12. (Currently Amended) The optical receptacle according to claim 4, wherein the ~~an~~ elastic locking part has a first elastic locking part and a second elastic locking part, and

wherein the first elastic locking part and the second elastic locking ~~part~~ part respectively comprise a main body which ~~protrudes extending straight~~ from the main housing ~~an extends linearly~~, and a locking part member which ~~protrudes extends~~ from the main body and ~~locked to the~~ so as to be engaged with a locking hole of the printed board; and

wherein the locking parts members are positioned facing in the ~~opposite direction of~~ so as to oppositely face each other.

13. (Currently Amended) The optical receptacle according to claim 5, wherein the ~~an~~ elastic locking part has a first elastic locking part and a second elastic locking part, and

wherein the first elastic locking part and the second elastic locking ~~part~~ part respectively comprise a main body which ~~protrudes extending straight~~ from the main housing ~~an extends linearly~~, and a locking part member which ~~protrudes extends~~ from the main body and ~~locked to the~~ so as to be engaged with a locking hole of the printed board; and

~~wherein the locking parts members are positioned facing in the opposite direction of so as to oppositely face each other.~~

14. (Canceled)

15. (New) The optical receptacle according to claim 9, wherein the conductive filler is a carbon filler.

16. (New) The optical receptacle according to claim 9, wherein an elastic locking part has a first elastic locking part and a second elastic locking part, wherein the first elastic locking part and the second elastic locking part respectively comprise a main body extending straight from the main housing and a locking member which projects from the main body so as to be engaged with a locking hole of the printed board, and wherein locking members are positioned so as to face each other.

17. (New) The optical receptacle according to claim 15, wherein an elastic locking part has a first elastic locking part and a second elastic locking part, wherein the first elastic locking part and the second elastic locking part respectively comprise a main body extending straight from the main housing and a locking member which projects from the main body so as to be engaged with a locking hole of the printed board, and wherein locking members are positioned so as to face each other.

18. (New) The optical receptacle according to claim 9, wherein an elastic locking part has a first elastic locking part and a second elastic locking part, wherein the first elastic locking part and the second elastic locking part respectively comprise a main body extending straight from the main housing and a locking member which projects from the main body so as to be engaged with a locking hole of the printed board, and

wherein locking members are positioned so as to oppositely face each other.

19. (New) The optical receptacle according to claim 15, wherein an elastic locking part has a first elastic locking part and a second elastic locking part,

wherein the first elastic locking part and the second elastic locking part respectively comprise a main body extending straight from the main housing and a locking member which projects from the main body so as to be engaged with a locking hole of the printed board, and

wherein locking members are positioned so as to oppositely face each other.